


PTO-1449 REPRODUCED INFORMATION DISCLOSURE CITATION IN AN APPLICATION February 8, 2002 (Use several sheets if necessary)		ATTORNEY DOCKET NO. 0050.1587-003		Continuation of APPLICATION NO. 08/882,415		JC998 U.S. PTO 10/07/1500 02/08/02	
		APPLICANT Shuguang Zhang, et al.		FILING DATE		GROUP	




U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
ms	AA 5,330,911	7/19/94	Hubbell, et al.	435	240.243		
	AB 5,512,131	4/30/96	Kumar, et al.	156	655.1		
	AC 5,541,070	7/30/96	Kauvar	435	7.9		
↓	AD 5,620,850	4/15/97	Bamdad, et al.	530	300		
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

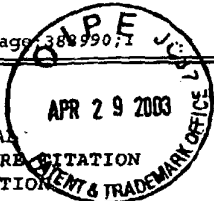
FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO		
ms AL 97/07429	27-FEB-1997	WO					
ms AM 96/29629	26-SEP-1996	WO					
	AN						
	AO						
	AP						
	AQ						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
ms	AR Lopez, et al., "Convenient Methods for Patterning the Adhesion of Mammalian Cells to Surfaces Using Self-Assembled Monolayers of Alkanethiolates on Gold," <i>J Am Chem Soc</i> , 115(13):5877-5878 (1993).
↓	AS Mrksich and Whitesides, "Using Self-Assembled Monolayers to Understand the Interactions of Man-Made Surfaces with Proteins and Cells," <i>Annu Rev Biophys Biomol Struct</i> , 25:55-78 (1996).
↓	AT Xia, et al., "Microcontact Printing of Octadecylsiloxane on the Surface of Silicon Dioxide and Its Application in Microfabrication," <i>J Am Chem Soc</i> , 117:9576-9577 (1995).

EXAMINER 	DATE CONSIDERED 11/1/04
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Mg	AU	Deng, L., et al., "Self-Assembled Monolayers of Alkanethiolates Presenting Tri(propylene sulfoxide) Groups Resist the Adsorption of Protein," <i>J Am Chem Soc</i> , 118(21):5136-5137 (1996).	
	AV	Chen, C.S., et al., "Geometric Control of Cell Life and Death," <i>Science</i> , 276:1425-1428 (1997).	
	AW	Kumar, A., et al., "Patterned Self-Assembled Monolayers and Meso-Scale Phenomena," <i>Acc Chem Res</i> , 28(5):219-226 (1995).	
	AX	DiMilla, P.A., et al., "Wetting and Protein Adsorption of Self-Assembled Monolayers of Alkanethiolates Supported on Transparent Films of Gold," <i>J Am Chem Soc</i> , 116(5):2225-2226 (1994).	
	AY	Singhvi, R., et al., "Engineering Cell Shape and Function," <i>Science</i> , 264:696-698 (1994).	
	AZ	Wilbur, J.L., et al., "Microfabrication by Microcontact Printing of Self-Assembled Monolayers," <i>Adv Mater</i> , 6(7/8):600-604 (1994).	
	AR2	Xia, Y., et al., "Microcontact Printing of Alkanethiols on Copper and Its Application in Microfabrication," <i>Chem Mater</i> , 8(3):601-603 (1996).	
	AS2	Mrksich, M., et al., "Biospecific Adsorption of Carbonic Anhydrase to Self-Assembled Monolayers of Alkanethiolates That Present Benzenesulfonamide Groups on Gold," <i>J Am chem Soc</i> , 117(48):12009-12010 (1995).	
	AT2	Jeon, N.L., et al., "Patterned Self-Assembled Monolayers Formed by Microcontact Printing Direct Selective Metalization by Chemical Vapor Deposition on Planar and Nonplanar Substrates," <i>Langmuir</i> , 11(8):3024-3026 (1995).	
	AU2	Pale-Grosdemange, C., et al., "Formation of Self-Assembled Monolayers by Chemisorption of Derivatives of Oligo(ethylene glycol) of Structure HS(CH ₂) ₁₁ (OCH ₂ CH ₂) _n OH on Gold," <i>J Am Chem Soc</i> , 113(1):12-20 (1991).	
	AV2	Prime, K.L. and Whitesides, G.M., "Self-Assembled Organic Monolayers: Model Systems for Studying Adsorption of Proteins at Surfaces," <i>Science</i> , 252:1164-1167 (1991).	
	AW2	Prime, K.L. and Whitesides, G.M., "Adsorption of Proteins onto Surfaces Containing End-Attached Oligo(ethylene oxide): A Model System Using Self-Assembled Monolayers," <i>J Am Chem Soc</i> , 115(23):10714-10721 (1993).	
	AX2	Lopez, G. P., et al., "Fabrication and Imaging of Two-Dimensional Patterns of Proteins Adsorbed on Self-Assembled Monolayers by Scanning Electron Microscopy," <i>J Am Chem Soc</i> , 115(23):10774-10781 (1993).	
↓	AY2	Sigal, G.B., et al., "A Self-Assembled Monolayer for the Binding and Study of Histidine-Tagged Proteins by Surface Plasmon Resonance," <i>Anal Chem</i> , 68:490-497 (1996).	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AZ2	Whitesides, G.M., "Self-Assembling Materials," <i>Scientific American</i> , 273:146-149 (1995).	
	AR3	Mrksich, M., et al., "Controlling Cell Attachment on Contoured Surfaces with Self-Assembled Monolayers of Alkanethiolates on Gold," <i>Proc Natl Acad Sci USA</i> , 93:10775-10778 (1996).	
	AS3	You, A.J., et al., A Miniaturized Arrayed Assay Format for Detecting Small Molecule-Protein Interactions in Cells," <i>Chem Biol</i> , 4(12):969-975 (1997).	
	AT3	Duschl, C., et al., "Biologically Addressable Monolayer Structures Formed by Templates of Sulfur-Bearing Molecules," <i>Biophysical Journal</i> , 67(3):1229-1237 (September 1994).	
	AU3	Knichel, M., et al., "Utilization of a Self-Assembled Peptide Monolayer for an Impedimetric Immunosensor," <i>Sensors and Actuators B B28</i> , (2):85-94 (August 1995).	
	AV3	Keller, T.A., et al., "Reversible Oriented Immobilization of Histidine-Tagged Proteins on Gold Surfaces Using a Chelator Thioalkane," <i>Supramolecular Science</i> , 2:155-160 (1995).	
	AW3	Zhang, et al., "Biological Surface Engineering: A Simple System for Cell Pattern Formation," <i>Biomaterials</i> , 20:1213-1220 (1999).	
	AX3	Lea, et al., "Manipulation of Proteins on Mica by Atomic Force Microscopy," <i>Langmuir</i> , 8:68-73 (January 1992).	
	AY3	Chaikof, et al., "Self-Assembling Peptide Monolayers: Endothelial Cell Behavior on Functionalized Metal Substrates," <i>Mat Res Soc Symp Proc</i> , 414:17-22 (1996).	
EXAMINER 		DATE CONSIDERED 11/1/04	



PTO-1449 REPRODUCED

**SUPPLEMENTAL
INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

March 24, 2003

(Use several sheets if necessary)

ATTORNEY DOCKET NO.
0050.1587-003

APPLICATION NO.
10/071,500

APPLICANT
Shuguang Zhang, et al.

FILING DATE
February 8, 2002

CONFIRMATION NO. 4636
GROUP 1627

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	ISSUE DATE / PUBLICATION DATE	NAME
<i>my</i>	AE	6,329,209	12/11/01	Wagner et al.
<i>my</i>	AF	US-2002-0072074-A1	06/13/02	Zhang et al

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

[Signature]

DATE CONSIDERED

11/1/04